CLAIMS

What is claimed is:

1. A method for determining impedance mismatch in a system simulation, comprising:

obtaining frequency domain transfer function for a first mismatch block connected between a first and second block;

computing the frequency domain transfer function of the first mismatch block;

inputting frequency dependent impedance of the input to the second block and the output of the first block;

deriving function G(Z1,Z2) so that:

$$MM12(f) = G(Zout1(f),Zin2(f))$$

where the frequency domain transfer function of the first mismatch block is represented by MM12(f); and

calculating an overall transfer function for the first and second blocks from:

$$H(f)=B1(f)*G(Zout1(f),Zin2(f))*B2(f)*G(Zout2(f),Zin3(f))*B3(f).$$